POWER TO YOUR NEXT STEP

We all have a next step. Capture the moment at seven frames per second.

EOS 70D

you can

Canon

Capture the moment at seven frames per second

20.2 MEGA PIXELS CMOS

20.2 megapixel sensor and DIGIC 5+ processing

The EOS 70D's APS-C sized 20.2-megapixel CMOS sensor strikes a balance between high resolution and low noise. Create images that are full of rich detail, subtle tones and natural colour. A 14-bit DIGIC 5+ image processor ensures smooth gradation of colour and fast, responsive performance.

Dual Pixel CMOS AF

Sophisticated autofocus for photos and movies

Dual Pixel CMOS AF delivers swift, continuous focusing in Live View mode, and smooth, high performance focus tracking when shooting Full-HD movies. When composing using the camera's viewfinder, 19 cross-type AF points spread across the frame allow fast-moving subjects to be followed precisely.

Wi Fi CERTIFIED

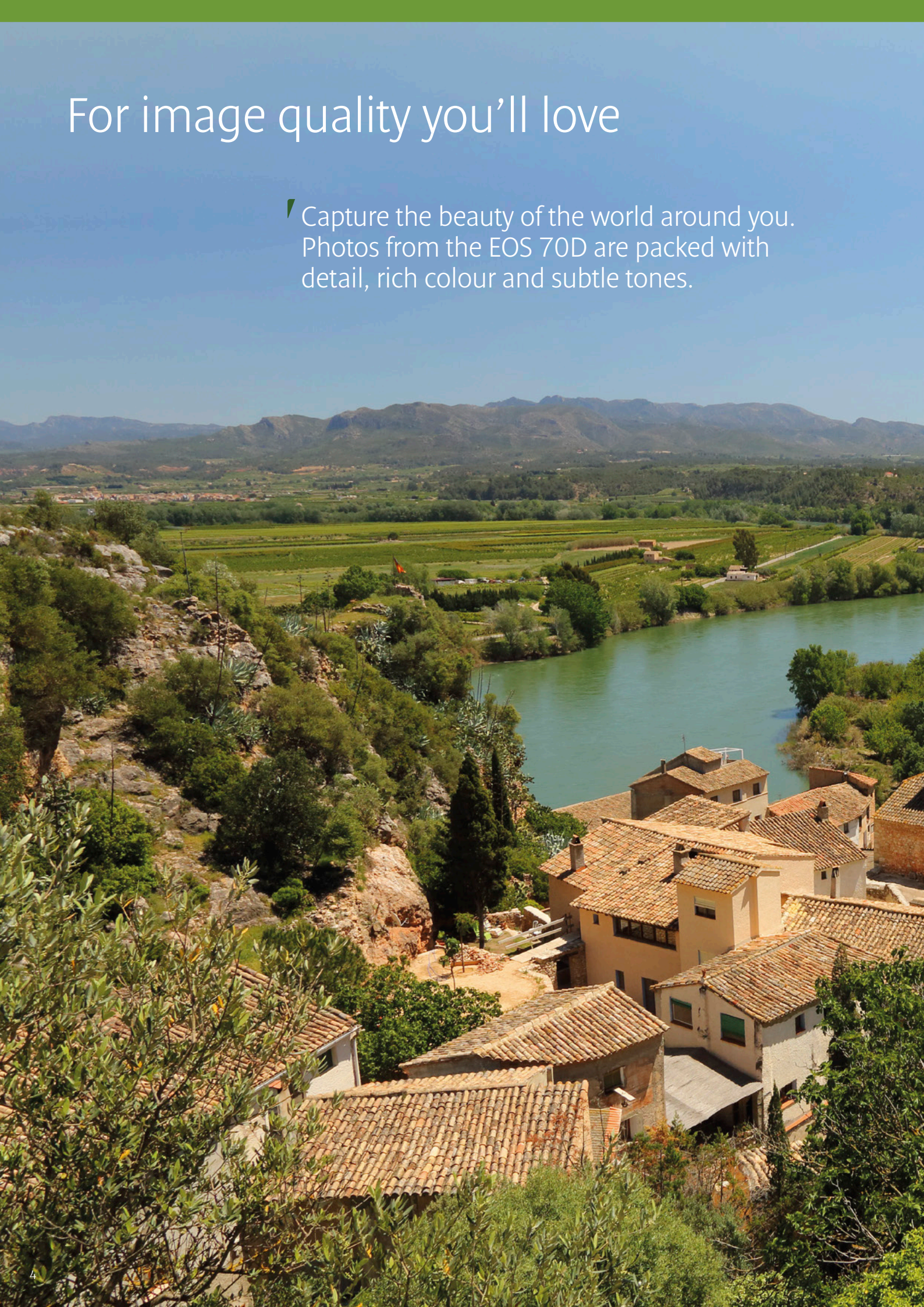
Wi-Fi connectivity with advanced handling and design

Wi-Fi connectivity enables remote control of the EOS 70D from your smartphone, tablet or home computer, as well as providing convenient image sharing. An intuitive touch screen provides fast access to camera settings and makes reviewing images quick and easy.

Tv (Shutter Speed): 1/2500 sec
Av (Aperture Value): f/5.0
ISO Speed: 400
Lens: EF 70-200mm f/2.8L IS II USM Extender EF 1.4x III
Focal length: 235.0 mm

For image quality you'll love

Capture the beauty of the world around you. Photos from the EOS 70D are packed with detail, rich colour and subtle tones.



20.2 MEGA PIXELS CMOS

20.2 megapixel resolution

A high-resolution 20.2 megapixel sensor captures the world with extraordinary clarity and depth. Files can be printed at large sizes – perfect for framing and use in portfolios. Such high-resolution images can also be cropped easily while maintaining quality – great for isolating distant subjects and adjusting your final composition.

DiGiC 5+

DIGIC 5+ processing

At the heart of the EOS 70D is a DIGIC 5+ processor, which works with the camera's CMOS sensor to provide responsive camera performance and create image files that are low in noise and rich in detail. Using 14-bit processing the DIGIC 5+ reproduces subtle tonal gradations and natural skin tones.

Tv (Shutter Speed): 1/200 sec
Av (Aperture Value): f/9.0
ISO Speed: 250
Lens: EF-S 10-22mm f/3.5-4.5 USM
Focal length: 15.0mm

High performance shooting

All Cross-type 19-point AF

Dual Pixel CMOS AF

Advanced autofocus with 19 cross-type AF points and Dual Pixel CMOS AF

Track fast-moving subjects accurately and customise the EOS 70D's focusing system to match your subject. Shoot with 19 autofocus points spread out over the frame in a wide-area pattern. Each point is a cross-type sensor, even when used with lenses having an f/5.6 maximum aperture.

Cross-type focus points are sensitive to both horizontal and vertical lines. They offer faster, more accurate initial focus acquisition as well as improved tracking of moving objects, whatever you are shooting and whichever orientation you hold the camera in. The centre focus point is a diagonal cross-type when used with lenses having a maximum aperture of f/2.8 or wider, making it even more sensitive.

The EOS 70D's 19 autofocus points can be used individually, together in small groups or as an active area, where the closest object to the camera is used to obtain accurate focus. A dedicated AF area selection button, positioned conveniently next to the shutter release, allows fast switching between these modes, with the camera still at your eye.

This is useful, for example, if a static subject suddenly starts to move. Simply switch from single-point AF to a 19-point wide area pattern that tracks the subject as it moves about the frame.

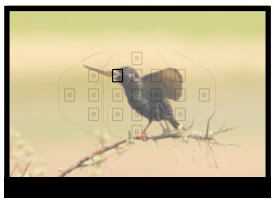
Different focus-point selections and focus modes can be made for upright and horizontal camera orientations – useful when swapping between shooting positions while photographing the same subject.

When shooting using the Vari-angle screen, rather than the camera's viewfinder, Canon's powerful Dual Pixel CMOS AF technology establishes focus quickly and accurately – providing a reliable and swift autofocus system when working in Live View mode.

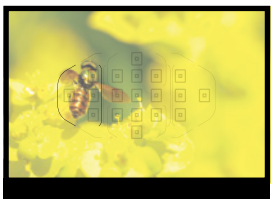
Cross-type focus points

All 19 AF points are sensitive cross type points and are spread across the frame

AF selection methods



Manual selection: single point
Any of the 19 points can be selected individually



Manual selection: zone AF
Restricts automatic selection of AF points to a user selected zone

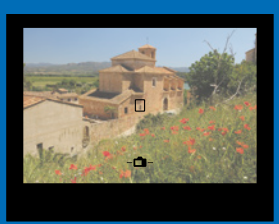
Auto selection
Closest object to the camera is used to obtain accurate focus

Intelligent Viewfinder

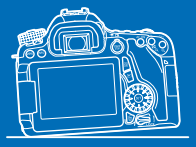
Intelligent Viewfinder

A transmissive LCD superimposes information on the EOS 70D's large, bright viewfinder, including the currently active focus points, an optional gridline overlay and an electronic level, which helps keep horizons straight. 98 per cent viewfinder coverage, 0.95x magnification and a 22mm eye point gives a relaxed and comfortable viewing experience.

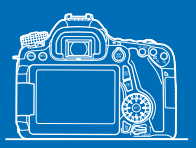
To help keep track of the camera's settings, an electronic display underneath the main viewing area shows shutter speed, aperture and ISO as well as other information like exposure compensation and battery status.



Electronic level



Tilted horizon



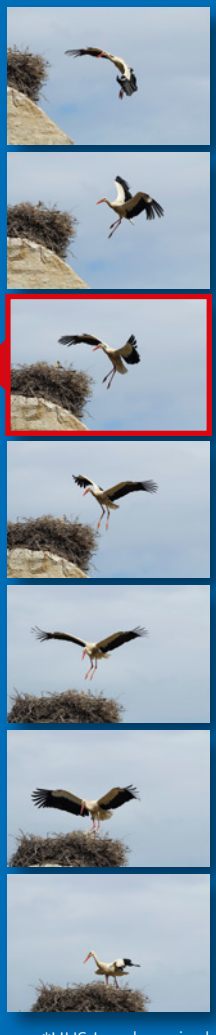
Level horizon

Upto 7.0 Frames Per Sec

Fast 7 fps continuous shooting

Keep up with the action, shooting seven 20.2 megapixel images every second and capturing up to 65 JPEG files or 16 RAW files in a single burst.* The EOS 70D's Continuous Shooting mode is perfect for following fast-moving subjects in sports and wildlife photography, as well as capturing that decisive moment in street photography and portraiture. For those occasions where you don't wish to disturb your subject, a Silent Shooting mode is available, which minimises shutter noise.

Tv (Shutter Speed): 1/1000 sec
Av (Aperture Value): f/6.3
ISO Speed: 125
Lens: EF 200-400mm f/4L IS USM Extender 1.4x
Focal length: 386.0mm



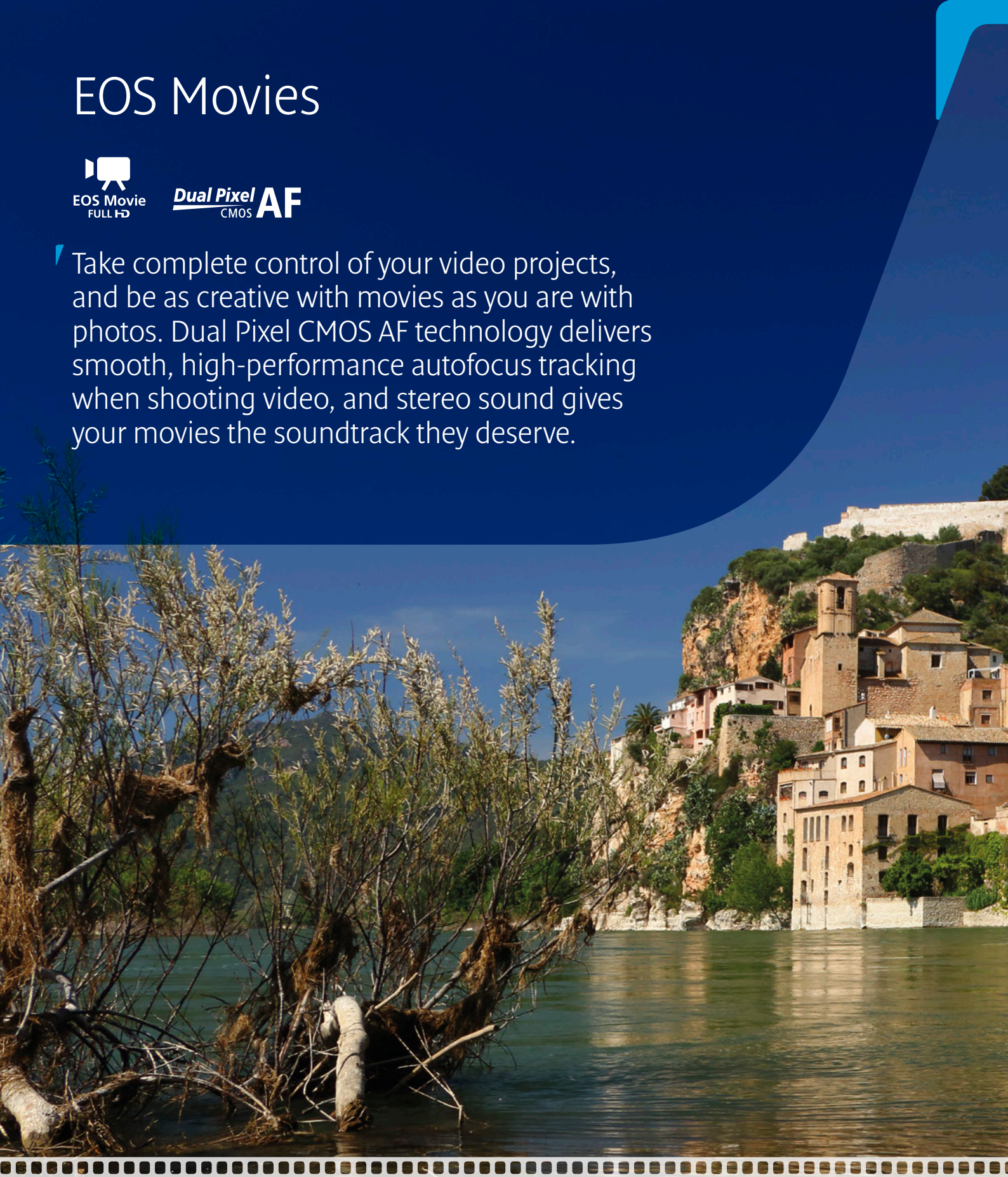
*UHS-I card required

EOS Movies

EOS Movie FULL HD

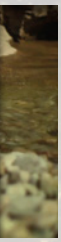
Dual Pixel CMOS AF

Take complete control of your video projects, and be as creative with movies as you are with photos. Dual Pixel CMOS AF technology delivers smooth, high-performance autofocus tracking when shooting video, and stereo sound gives your movies the soundtrack they deserve.



View the EOS 70D sample video at the following link:

canon.co.uk/EOS_70D



Cinematic movies from your DSLR

Shoot superb quality Full-HD video with complete manual control over exposure, white balance and sound. Record at up to 60 fps at 720p resolution for detailed slow-motion effects and choose from a variety of file compression options.

Digital sound can be recorded using the EOS 70D's built-in stereo microphone or by connecting an external microphone via a standard 3.5mm jack. Set the recording level manually or automatically from commands in the camera's menu.

STM lens technology

The EOS 70D offers full compatibility with Canon STM lenses for smooth, quiet, autofocus when shooting Full-HD video. Ideal for DSLR videographers, STM lenses use stepper-motor technology for fluid focus transitions without distracting focusing noise spoiling your movie's soundtrack.

Tv (Shutter Speed): 1/80 sec
Av (Aperture Value): f/13.0
ISO Speed: 200
Lens: EF-S 18-135mm f/3.5-5.6 IS STM
Focal length: 18.0 mm

Vari angle LCD

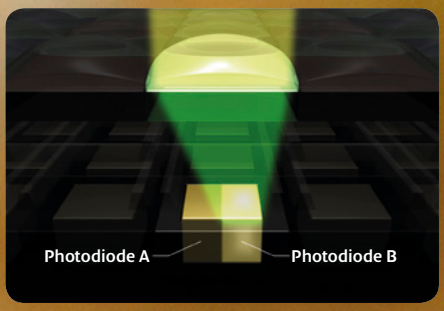
* With compatible lenses. See specifications for details.

Vari angle touch screen

A 7.7cm (3.0”) ClearView II capacitive touch screen, offers quick and easy access to the EOS 70D’s menu system and quick-control screen. Browse images by swiping left and right, and shoot intuitively in Live View mode by focusing and capturing with a single tap.

The screen pivots away from the camera’s body and rotates through 270˚, offering new shooting angles and a different view of the world – whether you are shooting still photos or video clips. Shoot comfortably at waist level, get low down for a sense of drama, or hold your EOS 70D above your head to shoot over the top of crowds.

Dual Pixel CMOS AF



Dual Pixel CMOS AF – two individual photodiodes

The EOS 70D is the first Canon DSLR to feature Dual Pixel CMOS AF, which delivers smooth, high-performance focus tracking in movies and fast autofocus acquisition when shooting still photos in Live View mode.

All effective pixels on the surface of the EOS 70D’s sensor consist of two individual photodiodes, which are read separately for phase-detection autofocus and together for imaging.* Since every pixel is constructed in this way, Dual Pixel CMOS AF covers approximately 80% of the width and height of the Live View frame, and is highly accurate without compromising on image quality.

With face and object tracking engaged, Movie Servo AF follows a chosen subject as it moves, or when you recompose a shot. Alternatively, just select different focus areas by simply tapping the touch screen even when recording.

Dual Pixel CMOS AF is designed to track focus smoothly without searching either side of the correct focus position. This is ideal for creating professional-looking pull-focus effects and keeping your subject in focus while maintaining a blurred background – a defining characteristic of EOS Movies.

Tv (Shutter Speed): 1/2500 sec
Av (Aperture Value): f/7.1
ISO Speed: 500
Lens: EF 70-300mm f/4-5.6L IS USM
Focal length: 221.0mm

Maximum creativity, whatever the conditions

Even under the most challenging conditions, the EOS 70D empowers you to work creatively. Capture scenes exactly as they appear, or take control for a totally different look and feel.

ISO
12800
6400

Low-light photography

When light levels drop, the EOS 70D lets you keep shooting hand held and without flash, using high ISO sensitivity to capture the atmosphere of an occasion with ambient light.

Enjoy ISO settings up to ISO 12800 (extendable to ISO 25600), and a versatile Auto ISO function that varies the sensitivity of the camera between upper and lower limits, which you can control via the camera's menu. To keep your images free from camera shake, you can also specify the lowest shutter speed that the EOS 70D will use before increasing ISO to achieve the correct exposure.

The EOS 70D's CMOS sensor uses new materials to enhance its sensitivity to light, while its DIGIC 5+ image processor applies advanced noise reduction algorithms to maintain image quality at high ISO settings.

Handheld Night Scene

Handheld Night Scene is a dedicated mode that allows you to shoot high quality images in dark conditions. A series of images is captured at a shutter speeds fast enough to prevent camera shake. The EOS 70D then blends them together to create a sharp, well-exposed composite image.

Precise exposure control

Be accurate with your exposures and get the photographic look and feel you are aiming for. Choose from four metering patterns – Evaluative, Partial, Spot and Centre Weighted – and take advantage of ±5 stops of exposure compensation, adjustable in 1/2 or 1/3 EV increments.

Auto Exposure Bracketing (AEB) is available for those situations where the correct exposure is hard to determine, or for capturing the component frames of an HDR composite image that will be merged on computer later. Bracket up to 2,3,5 or 7 shots in 3 EV intervals.

Tv (Shutter Speed): 1/3200 sec

Av (Aperture Value): f/7.1

ISO Speed: 1250

Lens: EF 70-300mm f/4-5.6L IS USM

Focal length: 70.0mm

Multiple exposure photography

Create exciting composite images that describe the patterns of movement, or combine similar shapes and colours for an abstract approach to photography. Simply input the number of frames you wish to superimpose and start shooting. The individual images will be combined as they are shot.

In Live View mode it's possible to preview the composite image at any stage during shooting. Exposure can be averaged automatically as images are captured or added together, with each shot being adjusted manually and the result saved as a new JPEG file.

High Dynamic Range (HDR)

In high-contrast scenarios, built-in HDR processing allows detail to be preserved in the brightest and darkest parts of a photo. Three images are captured at different exposures which the EOS 70D combines into a single image file that maintains detail throughout scene.

The degree of dynamic range expansion can be set manually up to ±3EV, or set automatically by the camera.

Resulting combined HDR image

Over exposed image Under exposed image

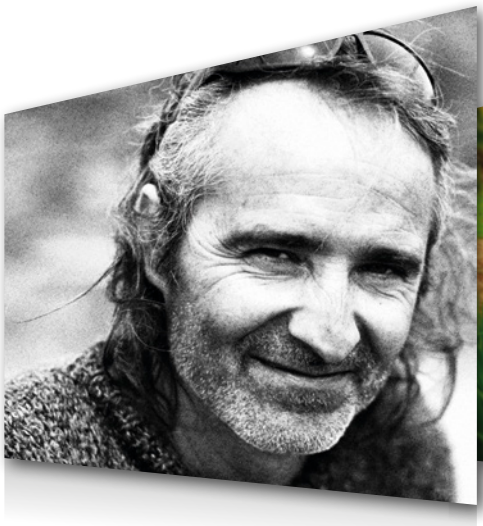
Adding a personal touch

Experiment with Creative Filter effects, either emphasising the atmosphere of an occasion or changing the mood completely.

Creative Filters

Make your own mark, using the EOS 70D's Creative Filters to give your photography a distinctive look and feel. Choose from different effects, and fine tune each one in camera.

More than one Creative Filter can be applied to a single image, giving you dozens of combinations to experiment with. Preview the effects while shooting in Live View mode, or apply them afterwards while reviewing images.



Creative Filter:
Grainy B&W effect

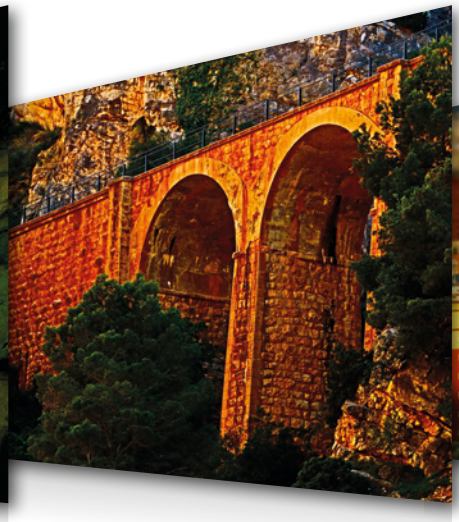
Creative Filter:
Soft focus effect

Creative Filter:
Fish-eye effect

Tv (Shutter Speed): 1/25 sec
Av (Aperture Value): f/32.0
ISO Speed: 100
Lens: EF-S 18-135mm f/3.5-5.6 IS STM
Focal length: 85.0mm

Creative Filter:
Water painting effect

Creative Filter:
Toy camera effect



Creative Filter:
Art bold effect

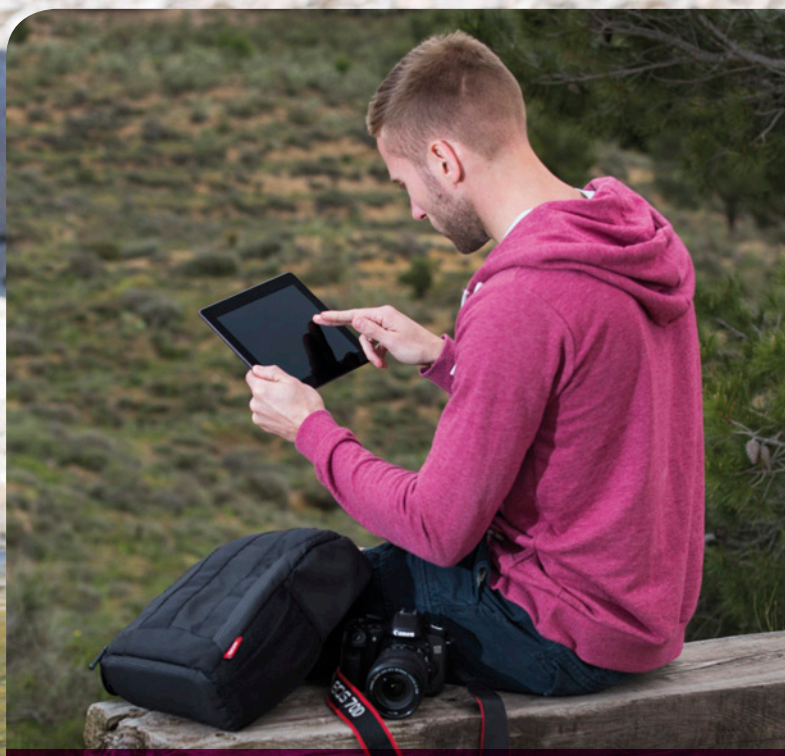
Creative Filter:
Miniature effect

Wi-Fi connectivity

Wi-Fi connectivity

Integrated Wi-Fi allows remote operation of the EOS 70D using a smartphone, tablet, PC or Mac. Explore new vantage points to get a different view of the world, or shoot from a short distance away – perfect for photographing wildlife and other sensitive subjects.

Enjoy on-screen Live View composition straight from the EOS 70D, remote control over camera settings and wireless reviewing and rating of images. Simply connect to the camera using the EOS Remote app (free download for iOS and Android operating systems), or from a PC or Mac running EOS Utility software.



Sharing and transferring image files

Share files wirelessly with other compatible Canon cameras, and upload photos and movies to social networking sites via Canon Image Gateway. The EOS 70D can join your home wireless network or form ad-hoc wireless connections with compatible devices, including other Canon cameras, DLNA devices and PictBridge via Wireless LAN enabled printers.

The EOS System

EOS System Accessories

Battery Grip
BG-E14

GPS Module
GP-E2

Remote Switches
RS-60E3, RC-6

Angle Finder C

Leather Case
EH-21L

Hand Strap
E2

EF Lenses

Wildlife / Long Lens Shooting

EF 70-200mm f/4L IS USM
EF 70-300mm f/4-5.6L IS USM

Zoom in on details or pull distant subjects closer and let the Image Stabilizer reduce the risk of camera shake.

Macro

EF-S 60mm f/2.8 Macro USM

Focus within 20cm and fill your frame with stunning detail.

Landscape and Travel

EF-S 10-22mm f/3.5-4.5 USM
EF-S 18-135mm f/3.5-5.6 IS STM

This ultra wide-angle lens is ideal to show the power of a dramatic landscape, or the detail of exquisite architecture interiors.

Portrait

EF 40mm f/2.8 STM
EF 50mm f/1.4 USM
EF 85mm f/1.8 USM

Three classic lenses capable of great natural portraits in low light thanks to fast maximum apertures.

Flash setup

Resulting image

Advanced flash photography, made easy

Integrated Speedlite TRANSMITTER

Speedlite 320 EX

Speedlite 430 EX II

Speedlite Flashes

Canon Speedlite flashes let you take complete control over lighting. Shoot confidently in low-light conditions, use fill-in flash to reduce shadows in bright sunlight, and mix flash with ambient light for photography that looks natural and atmospheric. Or why not try taking your Speedlite flash off camera, lighting your subject from a different angle for a dramatic result.

Whatever your approach, E-TTL II flash exposure metering makes accurate exposures simple. A series of pre-flashes before the main exposure determines the correct level of flash power for the scene.

Off-camera flash

Position compatible Speedlite flashes away from your EOS 70D and trigger them wirelessly with the camera's Integrated Speedlite Transmitter. Off-camera flashes can be controlled individually or in groups of two or three. The flash output of each one can be adjusted individually, making accurate control of lighting ratios quick and simple.

Off-camera flash is particularly useful for shooting portraiture, when the dramatic shadows created by side lighting can add drama and depth to a photograph.

Software and workflow

Canon provides photographers with a solution for every step of their digital workflow, from capture through processing to output.

Digital Photo Professional and EOS Solution software

Like all EOS cameras, the EOS 70D is accompanied by a suite of software that further enhances its functionality. Digital Photo Professional (DPP) allows photographers to browse, edit and process JPEG and RAW files using an intuitive, fully featured interface.

Colour, white balance, brightness, contrast and sharpness can all be adjusted, along with a host of other editing functions, such as cropping and resizing. Also included is EOS Utility, which provides remote camera control and tethered shooting capabilities. The Picture Style Editor application allows photographers to customise the EOS 70D's built-in Picture Styles.

Photographic printing

Canon PIXMA inkjet printers allow photographers to make stunning prints from the convenience of their own home – perfect for portfolio printing and fine-art projects.

Canon SELPHY dye-sublimation printers offer swift, affordable printing of photographs at smaller sizes. Their compact size makes them ideal for use around the home. Some SELPHY models also feature Wi-Fi for wireless printing.

All brochure photography taken by Canon Ambassador Brutus Östling with the help of Lee Gladman

Specifications: **EOS 70D**

IMAGE SENSOR	
Type	22.5mm x 15.0mm CMOS
Effective Pixels	Approx. 20.20 megapixels
Total Pixels	Approx. 20.90 megapixels
Aspect Ratio	3:2
Low-Pass Filter	Built-in/Fixed with fluorine coating
Sensor Cleaning	EOS integrated cleaning system
Colour Filter Type	Primary Colour
IMAGE PROCESSOR	
Type	DIGIC 5+
LENS	
Lens Mount	EF/EF-S
Focal Length	Equivalent to 1.6x the focal length of the lens
FOCUSING	
Type	TTL-CT-SIR with a CMOS sensor
AF System/Points	19 cross-type AF points (extra sensitivity at f/2.8 at centre)[8]
AF Working Range	EV -0.5 - 18 (at 23°C & ISO100)
AF Modes	AI Focus, One Shot, AI Servo
AF Point Selection	Automatic selection: 19 point AF Manual selection: Single point AF Manual selection: Zone AF AF points can be selected separately for vertical and horizontal shooting
Selected AF Point Display	Indicated by a transmissive LCD in viewfinder and on top LCD panel and Quick Control screen
Predictive AF[5]	50 kmph up to about 8 meters (26.2 feet)
AF Lock	Locked when shutter button is pressed half way in One Shot AF mode or AF-ON button is pressed
AF Assist Beam	Intermittent firing of built-in flash or emitted by optional dedicated Speedlite
Manual Focus	Selected on lens
AF Microadjustment	C.Fn II-13+/- 20 steps (wide and tele setting for Zooms) Adjust all lenses by same amount Adjust up to 40 lenses individually Adjustments remembered for lens by serial number
EXPOSURE CONTROL	
Metering Modes	TTL full aperture metering with 63 zone Dual Layer SPC (1) Evaluative metering (linked to all AF points) (2) Partial metering (approx. 7.7% of viewfinder at centre) (3) Spot metering (approx. 3.0% viewfinder at centre) (4) Centre weighted average metering
Metering Range	EV 1-20 (at 23°C with 50mm f/1.4 lens ISO100)
AE Lock	Auto: In One-shot AF mode with evaluative metering exposure is locked when focus is achieved Manual: By AE lock button in creative zone modes
Exposure Compensation	+/-5 EV in 1/3 or 1/2 stop increments (can be combined with AEB).
AEB	2, 3, 5 or 7 Shots +/-3 EV 1/3 or 1/2 stop increments
ISO Sensitivity[6]	Auto (100-12800), 100-12800 (in 1/3-stop or whole stop increments) ISO can be expanded to H: 25600 During Movie shooting: Auto (100-6400), 100-6400 (in 1/3-stop or whole stop increments) ISO can be expanded to H: 12800
SHUTTER	
Type	Electronically-controlled focal-plane shutter
Speed	30-1/8000 sec (1/2 or 1/3 stop increments), Bulb (Total shutter speed range Available range varies by shooting mode)
WHITE BALANCE	
Type	Auto white balance with the imaging sensor
Settings	AWB, Daylight, Shade, Cloudy, Tungsten, WhiteFluorescent light, Flash, Custom, Colour Temperature Setting White balance compensation: 1. Blue/Amber +/-9 2. Magenta/ Green +/-9
Custom White Balance	Yes, 1 setting can be registered
WB Bracketing	+/-3 levels in single level increments 3 bracketed images per shutter release Selectable Blue/Amber bias or Magenta/ Green bias
VIEWFINDER	
Type	Pentaprism
Coverage (vertical/horizontal)	Approx. 98%
Magnification	Approx. 0.95x[3]
Eyepoint	Approx. 22mm (from eyepiece lens centre)
Dioptre Correction	-3 to +1 m^{-1} (dioptre)
Focusing Screen	Fixed (Transmissive LCD screen)
Mirror	Quick-return half mirror (Transmission: reflection ratio of 40:60, no mirror cut-off with EF 600mm f/4 IS USM or shorter)
Viewfinder Information	AF information: AF points, focus confirmation, AF area selection mode Exposure information: Shutter speed, aperture value, ISO speed (always displayed), AE lock, exposure level/compensation, spot metering circle, exposure warning, AEB Flash information: Flash ready, high-speed sync, FE lock, flash exposure compensation, red-eye reduction light Image information: Card information, maximum burst (2 digit display), Highlight tone priority (D+) Composition information: Grid, Electronic level (2 methods) Other information: Battery check, Alert symbol
Depth of field preview	Yes, with Depth of Field preview button

LCD MONITOR	
Type	Touch screen Vari angle 7.7cm (3.0") 3:2 Clear View II TFT, approx. 1040K dots
Coverage	Approx. 100%
Viewing Angle (horizontally/vertically)	Approx. 170°
Coating	Anti-reflection, Solid Structure and Anti smudge
Brightness Adjustment	Adjustable to one of seven levels
Display Options	(1) Quick Control Screen (2) Camera settings (3) Electronic Level
FLASH	
Built-in Flash GN (ISO 100)	12
Built-in Flash Coverage	Up to 17mm focal length (35mm equivalent: 27mm)
Built-in Flash Recycle Time	Approx. 3 seconds
Modes	Auto, Manual flash, Integrated Speedlite Transmitter
Red-Eye Reduction	Yes - with red-eye reduction lamp
X-sync	1/250sec
Flash Exposure Compensation	+/- 3EV in 1/2 or 1/3 increments
Flash Exposure Bracketing	Yes, with compatible External Flash
Flash Exposure Lock	Yes
Second Curtain Synchronisation	Yes
HotShoe/PC terminal	Yes/No
External Flash Compatibility	E-TTL II with EX series Speedlites, wireless multi-flash support
External Flash Control	Via camera menu screen
SHOOTING	
Modes	Scene Intelligent Auto (Stills and Movie), No Flash, Creative Auto, SCN(Portrait, Landscape, Close-up, Sports, Night Portrait, Handheld Night Scene, HDR Backlight Control), Program AE, Shutter priority AE, Aperture priority AE, Manual (Stills and Movie), Bulb, Custom
Picture Styles	Auto, Standard, Portrait, Landscape, Neutral, Faithful, Monochrome, User Defined (x3)
Colour Space	sRGB and Adobe RGB
Image Processing	Highlight Tone Priority Auto Lighting Optimizer (4 settings) Long exposure noise reduction High ISO speed noise reduction (4 settings) Multi Shot Noise Reduction Auto Correction of Lens Peripheral illumination and Chromatic aberration correction Basic+ (Shoot by ambience selection, Shoot by lighting or scene type) Creative filters (Art Bold, Water painting, Grainy B/W, Soft focus, Toy camera, Miniature effect, Fish-eye) RAW image processing - during image Playback only Resize to M or S1, S2, S3
Drive Modes	Single, Continuous L, Continuous H, Self timer (2s+remote, 10s +remote), Silent Single Shooting, Silent Continuous Shooting
Continuous Shooting	Max. Approx. 7fps. (speed maintained for up to 65 images (JPEG)[1][2][7](with UHS-I card), 16 images (RAW))[2][7]
LIVE VIEW MODE	
Type	Electronic viewfinder with image sensor
Coverage	Approx. 100% (horizontally and vertically)
Frame Rate	30 fps
Focusing	Manual Focus (Magnify the image 5x or 10x at any point on screen) Autofocus: Dual Pixel CMOS AF (Face detection and Tracking AF, FlexiZone-Multi, FlexiZone-Single), Phase detection AF (Quick mode)
Metering	Real-time evaluative metering with image sensor Evaluative metering, partial metering, spot metering, center-weighted average metering
Display Options	Grid overlay (x3), Histogram, Multi aspect ratios
FILE TYPE	
Still Image Type	JPEG: Fine, Normal (Exif 2.21 [Exif Print] compliant) / Design rule for Camera File system (2.0), RAW: RAW, M-RAW, S-RAW (14bit, Canon original RAW 2nd edition), Digital Print Order Format [DPOF] Version 1.1 compliant
RAW+JPEG Simultaneous Recording	Yes, any combination of RAW + JPEG, M-RAW + JPEG, S-RAW + JPEG possible.
Image Size	JPEG 3:2: (L) 5472x3648, (M) 3468x2432, (S1) 2736x1824, (S2) 1920x1280, (S3) 720x480 JPEG 4:3: (L) 4864x3648, (M) 3248x2432, (S1) 2432x1824, (S2) 1696x1280, (S3) 640x480 JPEG 16:9: (L) 5472x3072, (M) 3468x2048, (S1) 2736x1536, (S2) 1920x1080, (S3) 720x408 JPEG 1:1: (L) 3648x3648, (M) 2432x2432, (S1) 1824x1824, (S2) 1280x1280, (S3) 480x480 RAW: (RAW) 5472x3648, (M-RAW) 4104x2736, (S-RAW) 2736x1824
Movie Type	MOV (Video: H.264 Intra frame / inter frame, Sound: Linear PCM, recording level can be manually adjusted by user)
Movie Size	1920 x 1080 (29.97, 25, 23.976 fps) intra or inter frame 1280 x 720 (59.94, 50 fps) intra or inter frame 640 x 480 (29.97, 25 fps) inter frame
Movie Length	Max duration 29min 59sec, Max file size 4GB (If file size exceeds 4GB a new file will be created automatically)
Folders	New folders can be manually created and selected
File Numbering	(1) Consecutive numbering (2) Auto reset (3) Manual reset
OTHER FEATURES	
Custom Functions	23 Custom Functions
Metadata Tag	User copyright information (can be set in camera)Image rating (0-5 stars)
LCD Panel / Illumination	Yes / Yes
Water/ Dust Resistance	Yes (equal to EOS-1N)

OTHER FEATURES	
Sound Memo	No
Intelligent Orientation Sensor	Yes
Playback zoom	1.5x - 10x
Display Formats	(1) Single image with information (2 levels) (2) Single image (3) 4 image index (4) 9 image index (5) Jump Display
Slide Show	Image selection: All images, by Date, Folder, Movies, Stills Playback time: 1/2/3/5/10/20 seconds Repeat: On/Off Background music: On/Off Transition effect: Off, Slide in 1, Slide in 2, Fade 1, Fade 2, Fade 3
Histogram	Brightness: Yes. RGB: Yes
Highlight Alert	Yes
Image Erase/Protection	Erase: Single image, All images in folder, Checkmarked images, unprotected images Protection: Erase protection of one image at a time
Menu Categories	(1) Shooting menu (x6) (2) Playback menu (x3) (3) Setup menu (x4) (4) Custom Functions menu (5) My Menu
Menu Languages	25 Languages English, German, French, Dutch, Danish, Portuguese, Finnish, Italian, Norwegian, Swedish, Spanish, Greek, Russian, Polish, Czech, Hungarian, Romanian, Ukrainian, Turkish, Arabic, Thai, Simplified Chinese, Traditional Chinese, Korean and Japanese
Firmware Update	Update possible by the user.
INTERFACE	
Computer	Hi-Speed USB
Other	Video output (PAL/ NTSC) (integrated with USB terminal), HDMI mini output (HDMI-CEC compatible), External microphone (3.5mm Stereo mini jack)
DIRECT PRINT	
Canon Printers	Canon Compact Photo Printers and PIXMA Printers supporting PictBridge
PictBridge	Yes
STORAGE	
Type	SD, SDHC or SDXC (UHS-I) card
SUPPORTED OPERATING SYSTEM	
PC & Macintosh	Windows 8 / 7 / 7 SP1 / Vista SP2 / XP SP3 OS X v10.6, v10.7, v10.8
SOFTWARE	
Browsing & Printing	ImageBrowser EX
Image Processing	Digital Photo Professional
Other	PhotoStitch, EOS Utility, Picture Style Editor
POWER SOURCE	
Batteries	Rechargeable Li-ion Battery LP-E6 (supplied), built in for date & settings
Battery life	Approx. 920 (at 23°C, AE 50%, FE 50%)[4] Approx. 850 (at 0°C, AE 50%, FE 50%)
Battery Indicator	6 levels + percentage
Power saving	Power turns off after 1, 2, 4, 8, 15 or 30mins.
Power Supply & Battery Chargers	AC Adapter Kit ACK-E6, Battery charger LC-E6, Car Battery charger CBC-E6
PHYSICAL SPECIFICATIONS	
Body Materials	Aluminium and polycarbonate resin with glass and conductive fibre
Operating Environment	0 - 40 °C, 85% or less humidity
Dimensions (WxHxD)	139.0 x 104.3 x 78.5mm
Weight (body only)	Approx. 755g (CIPA testing standard, including battery and memory card)
ACCESSORIES	
Viewfinder	Eyecup Eb, E-series Dioptric Adjustment Lens, Eyepiece Extender EP-EX15II, Angle Finder C
Case	Leather case EH21-L
Wireless File Transmitter	Built in
Lenses	All EF and EF-S lenses
Flash	Canon Speedlites (90EX, 220EX, 270EX, 270EX II, 320EX, 420EX, 430EX, 430EX II, 550EX, 580EX, 580EX II, 600EX, 600EX-RT, Macro-Ring-Lite, MR-14EX, Macro Twin Lite MT-24EX, Speedlite Transmitter ST-E2, Speedlite Transmitter ST-E3-RT)
Battery Grip	BG-E14
Remote Controller/ Switch	Remote Switch RS-60E3, Remote Controller RC-6
Other	Hand Strap E2, GP-E2

All data is based on Canon standard testing methods except where indicated. Subject to change without notice.

1. Large/Fine(Quality 8) resolution
2. Based on Canon's testing conditions, JPEG, ISO 100, Standard Picture Style. Varies depending on the subject, memory card brand and capacity, image recording quality, ISO speed, drive mode, Picture Style, Custom functions etc.
3. With 50mm lens at infinity, -1m-1 dpt
4. Based on the CIPA Standard and using the batteries and memory card format supplied with the camera, except where indicated
5. With EF 300mm f/2.8L IS USM at 50 kph
6. Recommended Exposure Index
7. Maximum fps and buffer capacity may be reduced depending on the cameras settings and light level
8. Peripheral cross-type AF points will not function as cross-type AF points with the following lenses: EF 35-80mm f4-5.6 (II/III/USM), EF35-105mm f4.5-5.6 (USM). EF 80-200mm f4.5-5.6 (II)

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